

Abstract of the Disclosure

A machine has a boom, that is pivotally raised and lowered by a first cylinder, and has a load carrier that is pivoted at the end of the boom by a second cylinder. As a machine operator commands movement of the boom, the position of the load carrier is automatically altered by a controller to prevent a load from falling off the load carrier. The load carrier position with respect to the boom is altered in response to the amount of boom motion to maintain a constant position relationship between the load carrier and a chassis of the machine. Although the boom and load carrier move through different angular positions, the machine control is expressed in terms of the linear motion of the first and second cylinders.